

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:ssptakxml743

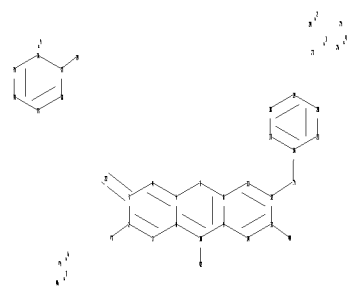
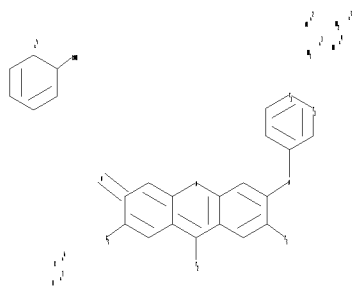
PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	3	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	4	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	5	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	6	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	7	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	8	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	9	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	10	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	11	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	12	JUN 25	CA/CAPLUS and USPAT databases updated with IPC reclassification data
NEWS	13	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	14	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	15	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	16	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	17	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	18	JUL 28	EPFULL enhanced with additional legal status information from the epline Register
NEWS	19	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	20	JUL 28	STN Viewer performance improved
NEWS	21	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	22	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	23	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	24	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	25	AUG 25	CA/CAPLUS, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching
NEWS	26	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	27	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS	28	SEP 25	CA/CAPLUS current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances

```
=>
Uploading C:\Program Files\STNEXP\Oqueries\10531664.str
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chain nodes :
15 22 23 24 25 26 39 42 43 44 45 46
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 16 17 18 19 20 21 33 34 35
36 37 38
chain bonds :
2-43 3-22 10-42 12-15 13-44 15-16 37-39
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-7 5-6 6-10 7-8 8-11 8-9 9-14 9-10 11-12 12-13
13-14 16-17 16-21 17-18 18-19 19-20 20-21 33-34 33-38 34-35 35-36 36-37
37-38
exact/norm bonds :
1-2 1-6 2-3 2-43 3-22 3-4 4-5 5-7 5-6 6-10 7-8 9-10 10-42 12-15 13-44
15-16 16-17 16-21 17-18 18-19 19-20 20-21 33-34 33-38 34-35 35-36 36-37
37-38 37-39
normalized bonds :
8-11 8-9 9-14 11-12 12-13 13-14

```

G1:[\*1],[\*2],[\*3],[\*4]

G2:H,[\*5]

G3:[\*6],[\*7]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:Atom 17:Atom 18:Atom 19:Atom  
20:Atom 21:Atom 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 33:Atom  
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:CLASS 42:CLASS 43:CLASS 44:CLASS  
45:CLASS 46:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 18:56:23 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3445 TO ITERATE

58.1% PROCESSED 2000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 65380 TO 72420  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.38	1.59

FILE 'CAPLUS' ENTERED AT 18:57:08 ON 30 SEP 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 30 Sep 2008 VOL 149 ISS 14  
FILE LAST UPDATED: 29 Sep 2008 (20080929/ED)

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Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 11

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 18:57:20 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3445 TO ITERATE

58.1% PROCESSED 2000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 65380 TO 72420

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

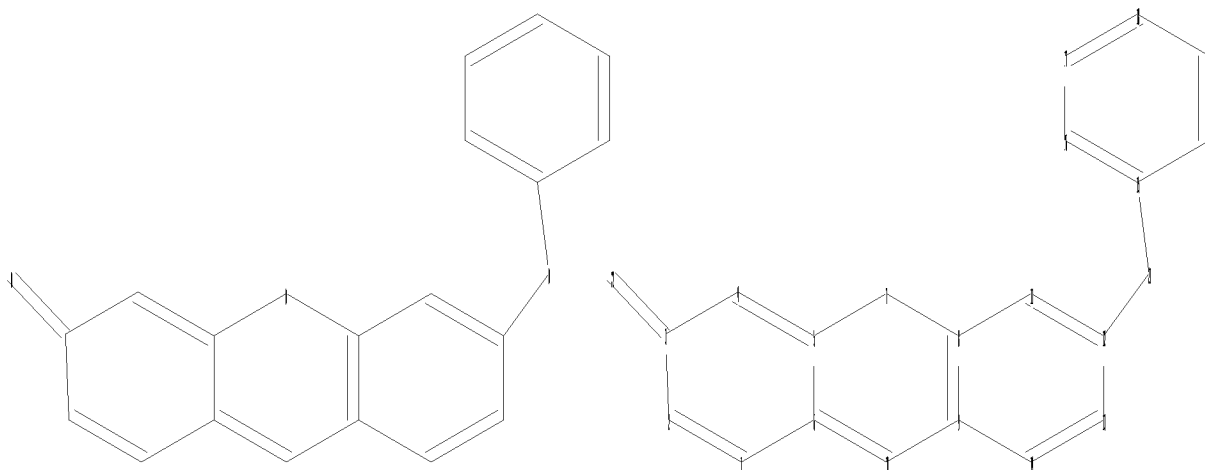
L4 0 L3

=> s 12

L5 0 L2

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Uploading C:\Program Files\STNEXP\Queries\10531664II.str



chain nodes :

21 22

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
chain bonds :  
3-22 12-21 15-21  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13  
13-14 15-16 15-20 16-17 17-18 18-19 19-20  
exact/norm bonds :  
1-2 1-6 2-3 3-4 3-22 4-5 5-6 5-7 6-10 7-8 9-10 12-21 15-21  
normalized bonds :  
8-9 8-11 9-14 11-12 12-13 13-14 15-16 15-20 16-17 17-18 18-19 19-20

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom  
20:Atom 21:CLASS 22:CLASS

L6 STRUCTURE UPLOADED

=> file registry		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	4.32	6.85

FILE 'REGISTRY' ENTERED AT 19:03:00 ON 30 SEP 2008  
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STRUCTURE FILE UPDATES: 29 SEP 2008 HIGHEST RN 1055027-88-7  
DICTIONARY FILE UPDATES: 29 SEP 2008 HIGHEST RN 1055027-88-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

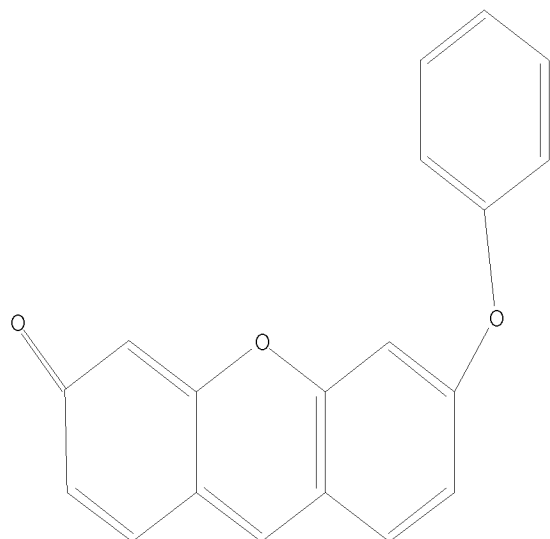
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> d 16  
L6 HAS NO ANSWERS  
L6 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l6 sss sam

SAMPLE SEARCH INITIATED 19:03:21 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3689 TO ITERATE

54.2% PROCESSED 2000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 70138 TO 77422

PROJECTED ANSWERS: 0 TO 0

L7 0 SEA SSS SAM L6

=> s l6 sss full

FULL SEARCH INITIATED 19:04:16 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 75012 TO ITERATE

100.0% PROCESSED 75012 ITERATIONS

8 ANSWERS

SEARCH TIME: 00.00.01

L8 8 SEA SSS FUL L6

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

178.82

185.67

FILE 'CAPLUS' ENTERED AT 19:04:27 ON 30 SEP 2008

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FILE COVERS 1907 - 30 Sep 2008 VOL 149 ISS 14  
FILE LAST UPDATED: 29 Sep 2008 (20080929/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

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      9 L8
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L9      3 L8/ANST
        (L8 (L) ANST/RL)
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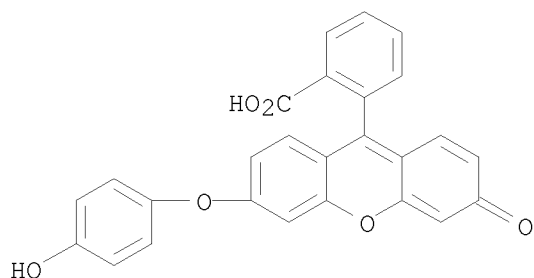
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=> d ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y
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```
L9  ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:      2005:1137728  CAPLUS
DOCUMENT NUMBER:       145:205384
TITLE:                 The detection and quantification of highly reactive
                        oxygen species using the novel HPF fluorescence probe
                        in a rat model of focal cerebral ischemia
AUTHOR(S):             Tomizawa, Shinichiro; Imai, Hideaki; Tsukada, Shota;
                        Simizu, Tatsuya; Honda, Fumiaki; Nakamura, Mitsunobu;
                        Nagano, Tetsuo; Urano, Yasuteru; Matsuoka, Yuki;
                        Fukasaku, Noboru; Saito, Nobuhito
CORPORATE SOURCE:      Department of Neurosurgery, Gunma University Graduate
                        School of Medicine, 3-39-22, Showa-machi, Maebashi,
                        Gunma, 371-8511, Japan
SOURCE:                 Neuroscience Research (Amsterdam, Netherlands) (2005),
                        53(3), 304-313
                        CODEN: NERADN; ISSN: 0168-0102
PUBLISHER:             Elsevier B.V.
DOCUMENT TYPE:         Journal
LANGUAGE:              English
AB  A novel fluorescence probe, 2-[6-(4'-hydroxy) phenoxy-3H-xanthen-3-on-9-
    yl] benzoic acid (HPF) was used to investigate the generation of highly
    reactive oxygen species (hROS) under ischemia both in vitro and in vivo.
    In the in vitro study, HT 22 cells were used to demonstrate that was
    predominantly detected in the cytoplasm, which coincides with the location
    of the mitochondria and then its HPF fluorescence gradually increased from
    6 to 24 h due to glutamate induced oxidative stress. In the in vivo
    study, the permanent and transient middle cerebral artery occlusion (MCAO)
    was induced in rats. Brain slices were incubated in an artificial medium
    containing HPF. The area of enhanced HPF fluorescence existed in both the
    ischemic core and the peri-infarct area at 4 h after MCAO in both
    permanent and transient MCAO models. The area extended beyond the
    boundary of the ischemic damage into biochem. viable tissue. The enhanced
    fluorescent intensity following transient MCAO was higher than that observed
```



in the permanent MCAO model. Hydroxyl radical scavenger, MCI-186 significantly suppressed the enhanced fluorescence intensity. This study demonstrated that HPF has a high sensitivity and specificity for the detection of hROS in focal cerebral ischemia as well as in a cellular model of oxidative stress.

IT 686773-84-2  
 RL: ARG (Analytical reagent use); BSU (Biological study, unclassified); ANST (Analytical study); BIOL (Biological study); USES (Uses)  
 (detection and quantification of highly reactive oxygen species using novel HPF fluorescence probe in rat model of focal cerebral ischemia)  
 RN 686773-84-2 CAPLUS  
 CN Benzoic acid, 2-[6-(4-hydroxyphenoxy)-3-oxo-3H-xanthen-9-yl]- (CA INDEX NAME)

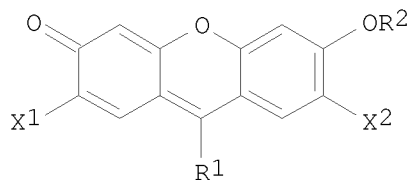


REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2004:999626 CAPLUS  
 DOCUMENT NUMBER: 141:419885  
 TITLE: Method for measuring hypochlorite ion  
 INVENTOR(S): Setsukinai, Ken-Ichi; Urano, Yasuteru; Nagano, Tetsuo  
 PATENT ASSIGNEE(S): Tetsuo Nagano, Japan; Daiichi Pure Chemicals Co., Ltd.  
 SOURCE: U.S. Pat. Appl. Publ., 7 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040229371	A1	20041118	US 2003-437437	20030514
US 7378282	B2	20080527		
US 20080188006	A1	20080807	US 2008-99979	20080409
PRIORITY APPLN. INFO.:			US 2003-437437	A1 20030514
OTHER SOURCE(S):	MARPAT 141:419885			

GI



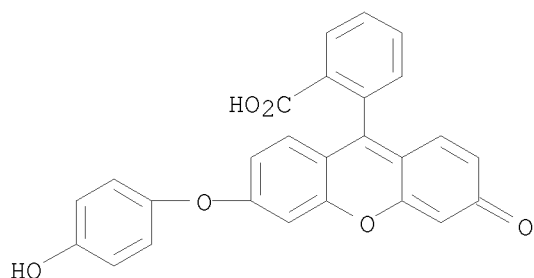
I

AB A method for measuring hypochlorite ion, which comprises the steps of: (A) reacting, with hypochlorite ion, a compound represented by the following general formula (I): 1 wherein R 1 represents a 2-carboxyphenyl group which may be substituted; R 2 represents a Ph group which is substituted with a substituted or unsubstituted amino group; X 1 and X 2 each independently represents either hydrogen atom or a halogen atom; or a salt thereof; and (B) measuring fluorescence of a dearylated compound generated in the aforementioned step (A) or a salt thereof. The present invention also relates to an agent for measuring hypochlorite ion and a kit used for said measuring method.

IT 686773-84-2, 2-[6-(4-Hydroxyphenoxy)-3-oxo-3H-xanthen-9-yl]-benzoic acid 686773-85-3, 2-[6-(4-Aminophenoxy)-3-oxo-3H-xanthen-9-yl]-benzoic acid  
 RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)  
 (hypochlorite determination in cells and tissue in organisms by fluorometry with fluorescein derivs.)

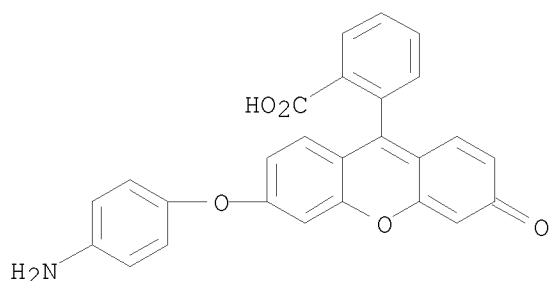
RN 686773-84-2 CAPLUS

CN Benzoic acid, 2-[6-(4-hydroxyphenoxy)-3-oxo-3H-xanthen-9-yl]- (CA INDEX NAME)



RN 686773-85-3 CAPLUS

CN Benzoic acid, 2-[6-(4-aminophenoxy)-3-oxo-3H-xanthen-9-yl]- (CA INDEX NAME)



REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:392684 CAPLUS

DOCUMENT NUMBER: 140:388250

TITLE: Reagent for measuring peroxyxynitrite

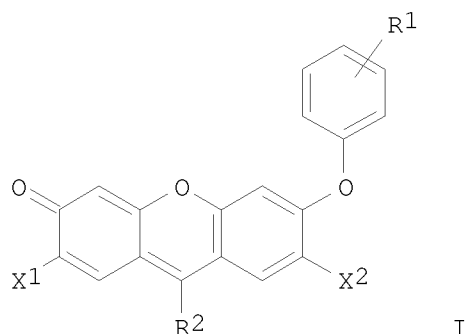
INVENTOR(S): Nagano, Tetsuo; Setsukinai, Ken-ichi; Urano, Yasuteru

PATENT ASSIGNEE(S): Daiichi Pure Chemicals Co., Ltd., Japan

SOURCE: PCT Int. Appl., 13 pp.  
 CODEN: PIXXD2

DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004040296	A1	20040513	WO 2003-JP13179	20031015
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003275553	A1	20040525	AU 2003-275553	20031015
EP 1553409	A1	20050713	EP 2003-758728	20031015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 20060211122	A1	20060921	US 2006-531664	20060223
PRIORITY APPLN. INFO.:			JP 2002-301291	A 20021016
			WO 2003-JP13179	W 20031015
OTHER SOURCE(S):			MARPAT 140:388250	
GI				



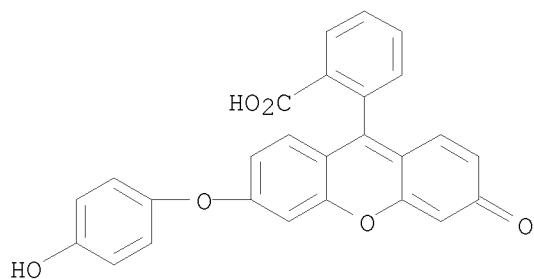
AB A reagent for measuring peroxynitrite (in vivo reactive nitrogen species) is provided, which contains a compound shown by the general formula (I) (e.g., 2-[6-(4'-hydroxy)phenoxy-3H-xanthen-3-on-9-yl]benzoic acid, 2-[6-(4'-amino)phenoxy-3H-xanthen-3-on-9-yl]benzoic acid) or its salt. In I, R1 represents an amino group or a hydroxyl group; R2 represents a 2-carboxyphenyl group; and, X1 and X2 resp. and independently represent a hydrogen atom or a halogen atom. This compound or its salt reacts specifically with peroxynitrite without reacting with its precursors, i.e., superoxide or nitrogen monoxide.

IT 686773-84-2 686773-85-3  
 RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)  
 (reagent for measuring peroxynitrite, in vivo reactive nitrogen species)

RN 686773-84-2 CAPLUS

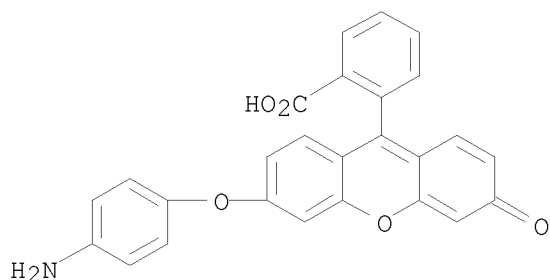
CN Benzoic acid, 2-[6-(4-hydroxyphenoxy)-3-oxo-3H-xanthen-9-yl]- (CA INDEX

NAME)



RN 686773-85-3 CAPLUS

CN Benzoic acid, 2-[6-(4-aminophenoxy)-3-oxo-3H-xanthen-9-yl]- (CA INDEX  
NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> end

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

20.39

206.06

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.40

-2.40

STN INTERNATIONAL LOGOFF AT 19:07:05 ON 30 SEP 2008